



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/509,248

Source: PCT

Date Processed by STIC: 10/4/2004

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

t gattccg
leave (220) blank

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/509,248

DATE: 10/04/2004
TIME: 11:15:49

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10042004\J509248.raw

Use of <220> Feature (NEW RULES):

~~Sequence(s) are missing the <220> Feature and associated headings.~~

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"

or "Unknown". Please explain source of genetic material in <220> to <223>

section. (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)

(Sec. 1.823 of new Rules)

ERROR EXPLANATION: 2

Seq#: 1, 2, 3, 4

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/509,248

DATE: 10/04/2004

TIME: 11:15:49

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10042004\J509248.raw

L:7 M:283 W: Missing Blank Line separator, <130> field identifier
L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:10 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:20 M:283 W: Missing Blank Line separator, <220> field identifier
L:20 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:21 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213>
ORGANISM:Artificial Sequence
L:21 M:283 W: Missing Blank Line separator, <400> field identifier
L:21 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:21
L:28 M:283 W: Missing Blank Line separator, <220> field identifier
L:28 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:29 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>
ORGANISM:Artificial Sequence
L:29 M:283 W: Missing Blank Line separator, <400> field identifier
L:29 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:29
L:36 M:283 W: Missing Blank Line separator, <220> field identifier
L:36 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:37 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>
ORGANISM:Artificial Sequence
L:37 M:283 W: Missing Blank Line separator, <400> field identifier
L:37 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:37
L:44 M:283 W: Missing Blank Line separator, <220> field identifier
L:44 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:45 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>
ORGANISM:Artificial Sequence
L:45 M:283 W: Missing Blank Line separator, <400> field identifier
L:45 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:45